SEQUENCE LISTING

- (1) GENERAL INFORMATION:
 - (i) APPLICANT:
 - (A) NAME: Vlaams Interuniversitair Instituut voor Biotechnologie
 - (B) STREET: Rijvisschestraat 120
 - (C) CITY: Zwijnaarde
 - (E) COUNTRY: Belgium
 - (F) POSTAL CODE (ZIP): B-9052
 - (G) TELEPHONE: +3292446611
 - (H) TELEFAX: +3292446610
 - (ii) TITLE OF INVENTION: Peptides and nucleic acids derived from Eisenia foetida and the use thereof
 - (iii) NUMBER OF SEQUENCES: 3
 - (iv) COMPUTER READABLE FORM:
 - (A) MEDIUM TYPE: Floppy disk
 - (B) COMPUTER: IBM PC compatible
 - (C) OPERATING SYSTEM: PC-DOS/MS-DOS
 - (D) SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
 - (vi) PRIOR APPLICATION DATA:
 - (A) APPLICATION NUMBER: EP 97203974.7
 - (B) FILING DATE: 17-DEC-1997
- (2) INFORMATION FOR SEQ ID NO: 1:
 - (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 13 amino acids
 - (B) TYPE: amino acid
 - (C) STRANDEDNESS:
 - (D) TOPOLOGY: linear
 - (ii) MOLECULE TYPE: peptide
 - (iii) HYPOTHETICAL: NO
 - (iv) ANTI-SENSE: NO
 - (v) FRAGMENT TYPE: internal
 - (vi) ORIGINAL SOURCE:
 - (A) ORGANISM: Eisenia foetida
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

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- (2) INFORMATION FOR SEQ ID NO: 2:
 - (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 1155 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: double
 - (D) TOPOLOGY: linear
 - (ii) MOLECULE TYPE: cDNA

- (iii) HYPOTHETICAL: NO
- (iv) ANTI-SENSE: NO
- (vi) ORIGINAL SOURCE:
 - (A) ORGANISM: Eisenia foetida
- (ix) FEATURE:
 - (A) NAME/KEY: sig_peptide
 - (B) LOCATION:1..51
- (ix) FEATURE:
 - (A) NAME/KEY: mat_peptide
 - (B) LOCATION: $52..\overline{1}152$
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 - (A) NAME/KEY: CDS
 - (B) LOCATION: 1...1152
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

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144

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Asp Asn Asn Gly Cys Tyr Arg Thr Gly Ala Ala Gly Asp Ile Pro Pro 100 105 110

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432 Ala Met Ser Ala Arg Val Arg Thr Phe Gln Lys Tyr Ser Phe Thr His

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330

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325

320

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- (2) INFORMATION FOR SEQ ID NO: 3:
 - (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 384 amino acids
 - (B) TYPE: amino acid
 - (D) TOPOLOGY: linear
 - (ii) MOLECULE TYPE: protein
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

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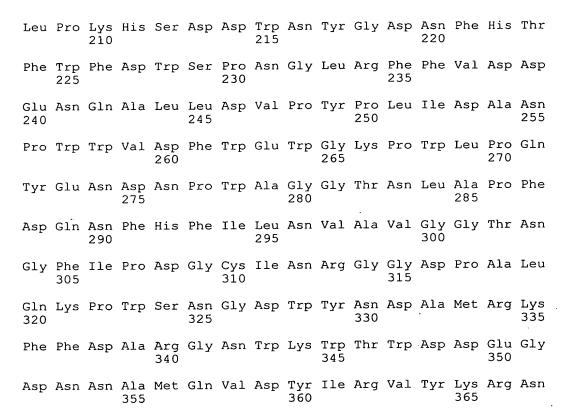
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SEQUENCE LISTING

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-5

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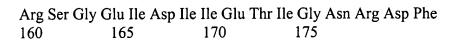
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- Gln Lys Pro Trp Ser Asn Gly Asp Trp Tyr Asn Asp Ala Met Arg Lys 320 325 330 335
- Phe Phe Asp Ala Arg Gly Asn Trp Lys Trp Thr Trp Asp Asp Glu Gly 340 345 350
- Asp Asn Asn Ala Met Gln Val Asp Tyr Ile Arg Val Tyr Lys Arg Asn 355 360 365

Addendum

1. PEPTIDES AND NUCLEIC ACIDS DERIVED FROM EISENIA FOETIDA AND THE USE THEREOF